

DAUGHTERS AND SONS TO WORK DAY 2013

Registration Information Packet

DAUGHTERS AND SONS TO WORK DAY (DSTW)

will be held **Thursday 18 April 2013**

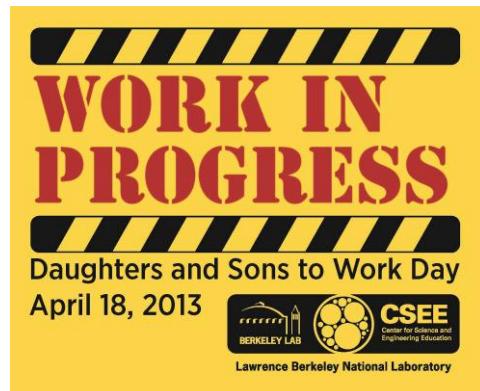
For the 19th consecutive year, Berkeley Lab will host guests of employees — girls and boys ages 9 to 16 — for a day of science and fun. DSTW generates a lot of enthusiasm among employees each year. As space is limited to 120 children, we advise early registration.

HOW TO REGISTER:

Enclosed is the DSTW registration information for you to review with your guest. Please fill out the Registration Form and Parent Consent Form for 1 to 3 students and send with a check for **\$30** per student, payable to U.C. Regents, to **DSTW, CSEE, MS 7R0222** by Friday 12 April. Keep the remaining information for your reference. Space is limited and your registration will be made on a first-come, first-served basis.

HOW TO VOLUNTEER:

CSEE depends on volunteers to make this day possible for the 120 young future scientists and engineers that we host each year. The final page of this packet is a Volunteer Registration Form, which we encourage you to fill out and return in order to make this event possible.



REGISTRATION CHECK-IN

7:45 – 8:45 A.M. Building 54, Cafeteria

OPENING ASSEMBLY

9:00 – 9:30 A.M. Building 50 Auditorium

PICKUP

3:30 P.M. Building 54, Cafeteria

MAIL REGISTRATION TO: MS 7R0222

- No registration forms will be accepted after Friday 12 April
- Questions? Contact Joe Crippen at x5816

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PROGRAM SCHEDULE FOR CHILDREN 9 TO 12 YEARS OF AGE

All students ages 9 to 12 will be assigned to one of three groups, and they will participate in all the activities listed below.

Parents may join students for lunch for an additional \$10.00.

All parents are invited to the Ice Cream Social at the end of the day.

7:45	Registration	Cafeteria, Building 54
9:00	Opening Assembly	Building 50 Auditorium
9:45	1 st Workshop	Assigned Locations
11:15	2 nd Workshop	Assigned Locations
12:30	Lunch	ALS Patio (Building 6)
1:30	3 rd Workshop	Assigned Locations
3:00	Ice Cream Social & Sign-Out	Cafeteria, Building 54
3:30	All Students Must Be Picked Up	Cafeteria, Building 54

PROGRAM DESCRIPTIONS FOR CHILDREN 9 TO 12 YEARS OF AGE

LIQUID NITROGEN

Have you ever made ice cream using liquid air? Have you ever frozen a rubber band so that it shatters when you drop it? Have you ever made a cloud? You will do all of this when you explore Liquid Nitrogen. Learn about Liquid Nitrogen, its properties, and what it means to be nearly 200°C (320°F) below zero!

COLOR ANALYZERS

Can you discover the hidden colors in light? Explore and investigate light and color while experimenting with color filters to create secret messages in this hands-on workshop.

SCIENCE FESTIVAL

Get Festive with scientists at the Daughters and Sons to Work Day Science Festival! Participate in several hands-on activities that are fun, informative and that relate to the work we do at Berkeley Lab.

Safety Note: All participants must wear closed-toe shoes, and their legs must be covered.

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PROGRAM SCHEDULE FOR CHILDREN 13 TO 16 YEARS OF AGE

All students ages 13 to 16 will participate in all the activities listed below.

Parents may join students for lunch for an additional \$10.00.

All parents are invited to the Ice Cream Social at the end of the day.

7:45	Registration Cafeteria	Cafeteria, Building 54
9:00	Opening Assembly	Building 50 Auditorium
9:45	Mystery Tube and Advanced Light Source Tour	Building 6, Room 2202
11:15	Science Festival	Building 6 (N2 Parking Lot)
12:30	Lunch	ALS Patio (Building 6)
1:30	Zero Waste	ALS Patio & Building 6, Room 2202
3:00	Ice Cream Social & Sign-Out	Cafeteria, Building 54
3:30	All Students Must Be Picked Up	Cafeteria, Building 54

PROGRAM DESCRIPTIONS FOR CHILDREN 13 TO 16 YEARS OF AGE

ZERO WASTE

Participate as a member of the Berkeley Lab Green Team to help sort waste, do a waste audit of materials from the day's lunch, and compare your data with the Lab, the City, and the State as you learn about Sustainability at Berkeley Lab.

MYSTERY TUBE AND ADVANCED LIGHT SOURCE TOUR

Can you determine what the interior construction of the "Mystery Tube" is? Use your observation and logic to do the work of a scientist and figure it out. Then discover how and why electrons are accelerated to almost the speed of light at the Advanced Light Source.

SCIENCE FESTIVAL

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GUEST REGISTRATION FORM (Please Print Legibly)

Name of guest (1): _____ ☐ Male ☐ Female

Age: _____ School Grade: _____ (CSEE use only: Registration No.): _____

School: _____ District: _____

What is your relationship to the participant: _____

T-Shirt Size: (adult sizes) ☐ XL ☐ Large ☐ Medium ☐ Small

Lunch Choice: (check one only)

(CHECK ONLY ONE) ☐ Hot Dog ☐ Veggie Hot Dog

Registration fee for 1 guest total: \$30

Name of guest (2): _____ ☐ Male ☐ Female

Age: _____ School Grade: _____ (CSEE use only: Registration No.): _____

School: _____ District: _____

What is your relationship to the participant: _____

T-Shirt Size: (adult sizes) ☐ XL ☐ Large ☐ Medium ☐ Small

Lunch Choice: (check one only)

(CHECK ONLY ONE) ☐ Hot Dog ☐ Veggie Hot Dog

Registration fee for 2 guest total: \$60

Name of guest (3): _____ ☐ Male ☐ Female

Age: _____ School Grade: _____ (CSEE use only: Registration No.): _____

School: _____ District: _____

What is your relationship to the participant: _____

T-Shirt Size: (adult sizes) ☐ XL ☐ Large ☐ Medium ☐ Small

Lunch Choice: (check one only)

(CHECK ONLY ONE) ☐ Hot Dog ☐ Veggie Hot Dog

Registration fee for 3 guest total: \$90

Parent or Guardian Lunch Option:

Will you be attending Lunch? ☐ Yes ☐ No

Lunch Choice: (check one only)

(CHECK ONLY ONE) ☐ Hot Dog ☐ Veggie Hot Dog

Parent Lunch: Add \$10

Note: If you are attending lunch, as a Lab employee you are expected to help monitor the ALS Patio for any safety violations. Every employee is responsible for safety:

(Please Initial) _____

ALL CHECKS MUST BE MADE PAYABLE TO **UC REGENTS**

TOTAL AMOUNT PAID: \$ _____

Send Guest Registration Form, Parent Consent Form, and Check to:
DSTW, CSEE, MS 7R0222 by Friday 12 April

REGISTRATION IS LIMITED TO 120 STUDENTS

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BERKELEY LAB EMPLOYEE/PARENT CONSENT FORM (Please Print Legibly)

Name (Lab Employee or Affiliate) _____

Department: _____

Division: _____

Extension: _____

Cell Phone: _____

Building/Room: _____

- **Please do not take your child off site** for lunch or out of workshops without making prior arrangements with CSEE staff before 18 April 2013. **(Please Initial)** _____
- You must forward your phones to a person who knows where you will be at all times or have your cell phone listed and on. **(Please Initial)** _____
- Parents **MUST** come to the Cafeteria to pick up their children by 3:30 p.m. **(Please Initial)** _____
- **Photo / Video Release**

By participating in Daughters and Sons to Work Day, you give permission to The Regents of the University of California, the Lawrence Berkeley National Laboratory and to CSEE (collectively CSEE), and each of their agents, to use in connection with any publication (including but not limited to brochures, booklets, videotapes, reports, press releases, websites, including social media, and exhibits) any image or recording in which you appear, to use and cite any comment(s), verbal or written, you may make about the program, and to use your name in connection with any publication and in such manner as determined by CSEE.

By your arrival at the event, you hereby release and discharge the Regents of the University of California, the Lawrence Berkeley National Laboratory, the CSEE, as well as the Department of Energy (DOE) and the United States Government, and each of their officers, agents, servants, and employees, and persons, firms, or corporations contracting with, or acting on behalf of them, as well as their heirs, executors, administrators, successors, or assigns, from any cause of action, claim and/or demand of any nature whatsoever arising from the activities described in the preceding paragraph concerning use of your image, name, recorded voice and/or verbal or written comments you may make about the program. **(Please Initial)** _____

Please Print Legibly

I agree to allow my child (Guest 1) _____, to participate in "Daughters and Sons to Work Day" at Berkeley Lab. This agreement authorizes the Laboratory to administer medical treatment to my child in an emergency. Further, I waive all responsibility of the Laboratory in case of an accident.
Parent/Guardian (Signature) _____ Phone: _____

I agree to allow my child (Guest 2) _____, to participate in "Daughters and Sons to Work Day" at Berkeley Lab. This agreement authorizes the Laboratory to administer medical treatment to my child in an emergency. Further, I waive all responsibility of the Laboratory in case of an accident.
Parent/Guardian (Signature) _____ Phone: _____

I agree to allow my child (Guest 3) _____, to participate in "Daughters and Sons to Work Day" at Berkeley Lab. This agreement authorizes the Laboratory to administer medical treatment to my child in an emergency. Further, I waive all responsibility of the Laboratory in case of an accident.
Parent/Guardian (Signature) _____ Phone: _____

Safety Note: To participate in the activities safely, all participants must wear closed-toe shoes and their legs must be covered: **(Please Initial) _____**

Send Guest Registration Form, Parent Consent Form, and Check to:
DSW, CSEE, MS 7R0222 by Friday 12 April